

### FY2005 Competitive MARFIN Selections

Project #	Title	Applicant	PI	1st Year Federal Funding	Peer Score	Cumulative Funding
05MF017(RS)	Estimation of the Source of Red Snapper Recruits to West Florida and South Texas with Otolith Chemistry: Implications for Stock Structure and Management	University of West Florida	William F. Patterson	\$108,216	96.2	\$108,216
05MF030(EFH)	Studies on Dolphin ( <i>Coryphaena hippurus</i> ) and Greater Amberjack ( <i>Seriola dumerili</i> ) in the northcentral Gulf of Mexico: Early Life History and Recruitment of Larvae and Young Juveniles to	University of Southern Mississippi	Bruce Comyns	\$109,715	88.4	\$217,931
05MF003(RF)	Using microsatellite DNA analysis to identify sources of recruitment for Florida's spiny lobster ( <i>Panulirus argus</i> ) stock.	Florida Fish and Wildlife Conservation Commission	John H. Hunt	\$74,889	95	\$292,820
05MF007(RF)	Meta-population stock assessment methods incorporating climatic and ecosystem effects for the Florida spiny lobster fishery	University of Miami	Nelson M. Ehrhardt Jr	\$74,521	92.5	\$367,341
05MF016(RS)	Determination of the Limiting Effect of Currents on Distribution of Red Snapper Populations in the Gulf of	University of Southern Mississippi	Donald R. Johnson	\$97,864	91.4	\$465,205
05MF012(RF)	Development of a DNA Microsatellites for Genetic Applications in Greater Amberjack ( <i>Seriola dumerili</i> ) and Other Amberjacks of Genus <i>Seriola</i> E	Texas A&M Research Foundation	John R. Gold	\$64,729	91.2	\$529,934

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05MF027(EFH)	The Effects of Lobster Traps on Coral Communities in the Florida Keys	Florida Fish and Wildlife Conservation Commission	Thomas R. Matthews	\$57,935	90.9	\$587,869
05MF014(RF)	Industry Based Observer Program in the Reef Fish Fishery-Gulf of Mexico	Madeira Marine Services	Eric Schmidt	\$317,625	84.4	\$905,494
05MF025(BC)	A Continuation of Technology Transfer of New Turtle Excluder Device Modifications and Updated Bycatch Reduction Device Information to the Southeastern Shrimp Industry	Gulf and South Atlantic Fisheries Foundation	Judy L. Jamison	\$178,614	91.7	\$1,084,108
05MF011(RF)	Age, Growth, and sexual maturity of Greater Amberjack in the Gulf of Mexico	University of Florida	Debra J. Murie	\$67,737	95	\$1,151,845
05MF028(EFH)	Distribution of Bottom Habitat Information in the Gulf of Mexico	Gulf States Marine Fisheries Commission	Jeffrey K. Rester	\$96,660	73.6	\$1,248,505
05MF015(RS)	The Effect of Light and Hydraulic Regime on the Behavior and Swimming Ability of Dark Adapted Red Snapper, <i>Lutjanus campechanus</i> : Its Application to Bycatch Reduction	University of Mississippi	Glenn R. Parsons	\$97,774	86.3	\$1,346,279

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05MF039(ESS)	Examination of Non-Fishery Factors on the Welfare of Fishing Communities in the Florida Keys: A Focus on the Cumulative Effects of Trade, Economic, Energy, and Aid Policies, Macroeconomic (County and Regional) Conditions, and Coastal Development on the Monroe County Commercial Fishing Industry	University of Miami	Manoj Shivlani	\$34,855	78.2	\$1,381,134
05MF026(EFH)	Size and Age Structure and Catch and Release Mortality Estimates of Sub-adult and Adult Red Drum in the Tampa Bay Estuary and Nearshore Gulf of Mexico Waters	Florida Fish and Wildlife Conservation Commission	Theodore S. Switzer	\$132,059	95.6	<b>\$1,513,193</b>